Cochrane Methods
Prospective Meta-analysis

2025

Convenors: Anna Lene Seidler, Jesse Berlin, Lisa Askie

Co-Convenors: Kylie Hunter, Davina Ghersi

Highlight:
PMA Methods Group develops innovative tool to assess trustworthiness and integrity of trials using individual participant data.

Research and development

- Developed the Individual Participant Data Integrity Tool: The Individual Participant Data Integrity Tool for assessing the integrity of randomised trials; Development of the individual participant data integrity tool for assessing the integrity of randomised trials using individual participant data

- Developed methods for assessing risk of bias using individual participant data

- Conducted a cross-sectional analysis of data sharing policies among key stakeholders.

- Developed a framework for using clinical trials data for secondary research

- Future methods development will focus on: Validation and optimisation of IPD Integrity tool; Variable and outcome harmonisation methods

Best practice and guidance

- Development of updated PMA chapter in Cochrane Handbook near completion

- Delivered Cochrane Training webinar: Hunter KE, Seidler AL. Safeguarding trust in evidence: the Individual Participant Data Integrity Tool, June 2025.

Methods implementation

- IPD Integrity Tool endorsed in *Cochrane's Policy for Managing Potentially Problematic Studies*. For this work, Kylie Hunter received the Thomas C. Chalmers Award (GES 2024)

- Implemented new methods in two large collaborative IPD-MAs with (nested) PMA (1)(2).